

Substitute Claims

- add
A' >
1. Floor, comprised of a sub-floor (10) continuously covered with a layer (12) of hardened adhesive and covering elements (16) of wood or wood materials completely covered on their surface to be adhered with the adhesive, wherein the adhesive layer (12) has a layer thickness of 0.5 to 5 mm, thereby characterized, that and that the adhesive has a shear strength in the hardened condition which is less than that of the sub-floor (10), and that the shear strength of the adhesive is less than 1.2 N/mm^2 .
2. Sub-floor according to Claim 1, thereby characterized, that the shear strength of the adhesive is 0.6 to 1.0 N/mm^2 .
3. Floor according to Claim 1 or 2, thereby characterized, that the adhesive is comprised of a reaction resin which hardens upon exposure to water, preferably a polyurethane or polyurethane hybrid resin.
4. Floor according to one of Claims 1 through 3, thereby characterized, that the adhesive is comprised of MS-polymers.
5. Floor according to one of Claims 1 through 4, thereby characterized, that the adhesive in the hardened condition has a hardness of 20 to 35 Shore (A).
6. Floor according to one of Claims 1 through 5, thereby characterized, that the adhesive in the hardened condition has a break elongation of 300 to 1000%.

7. Use of adhesives for adhesion of floor covering elements (16) of wood or wood materials to a sub-floor (10), which adhesives have a shear strength of less than 1.2 N/mm^2 , preferably 0.6 to 1.0 N/mm^2 .
8. Use of adhesives, which harden with a Shore Hardness (A) of 20 to 35, for adhesion of floor covering elements (16) of wood or wood materials to a sub-floor (10).
9. Use of adhesives, which harden with a break elongation of 30 to 1000%, for adhering floor covering elements (16) of wood or wood materials to a sub-floor (10).
10. Use according to one of Claims 7 through 9, for laying floor covering elements (16) to a sub-floor (10) of cement, concrete or pre-fabricated plates.
11. Use according to one of Claims 7 through 10, wherein the adhesive (12) is applied with a layer thickness of 0.5 to 5 mm .
12. Use according to one of Claims 7 through 11, wherein the adhesive is comprised of a polyurethane or polyurethane hybrid which hardens upon exposure to water.
13. Use according to one of Claims 7 through 11, wherein the adhesive is comprised of one component MS-polymers.